

IN THE CLAIMS:

5 1. (Previously Presented) A submarine, comprising: an outer vessel hull with a driven propeller on an outer side thereof; a pressure hull disposed in said outer vessel hull and defining a crew space for a human submarine crew; an outer pressure container disposed in said pressure hull with said pressure hull fully surrounding said outer pressure container; a liquid gas pressure container storing liquid oxygen, said liquid gas pressure container being arranged within said pressure hull of the submarine and surrounded by said outer pressure container; and means provided which on exceeding a predefined pressure within one of said liquid gas pressure container and said outer pressure container lead fluid from said pressure container out of said pressure hull.

2. (Previously Presented) A submarine according to claim 1, further comprising conduits leading fluid gas supplied from the liquid gas pressure container and fittings, including an evaporator, said outer pressure container encompassing all of said conduits and fittings.

3. (Original) A submarine according to claim 1, wherein said means includes a conduit provided at said outer pressure container, said conduit leading out of said pressure hull of the submarine and being blocked off by way of a safety means.

4. (Original) A submarine according to claim 3, wherein said safety means comprises a pressure relief valve.

5. (Original) A submarine according to claim 3, wherein said safety means is a rupture disk.

6. (Currently Amended) A submarine, comprising: an outer vessel hull with a driven propeller on an outer side thereof; a pressure hull disposed in said outer vessel hull and defining a crew space for a human submarine crew; an outer pressure container disposed in said pressure hull; a liquid gas pressure container storing liquid oxygen, said liquid gas pressure container being arranged within said pressure hull of the submarine and surrounded by said outer pressure container; and means provided which on exceeding a predefined pressure within one of said liquid gas pressure container and said outer pressure container lead fluid from said pressure container out of said pressure hull, wherein said means includes a pressure-increasing means to ensure a leading-away of ~~fluid~~ gaseous and/or liquid oxygen out of said outer pressure container even in a submerged condition of the pressure hull.

7. (Previously Presented) A submarine according to claim 1, wherein said means includes means which upon exceeding a predefined pressure in said liquid gas pressure container lead gas and/or liquid oxygen to the outside of the pressure hull.

8. (Currently Amended) A submarine, comprising: an outer vessel hull with a driven propeller on an outer side thereof; a pressure hull disposed in said outer vessel hull and defining a crew space for a human submarine crew; an outer pressure container disposed in said pressure

hull; a liquid gas pressure container storing liquid oxygen, said liquid gas pressure container  
5 being arranged within said pressure hull of the submarine and surrounded by said outer pressure  
container; means provided which on exceeding a predefined pressure within one of said liquid  
gas pressure container and said outer pressure container lead ~~fluid~~ gaseous and/or liquid oxygen  
from said pressure container out of said pressure hull; and pressure increasing means that makes  
use of the pressure prevailing in the outer pressure container and/or in the liquid gas pressure  
10 container.

9. (Original) A submarine according to claim 1, wherein said liquid gas pressure  
container is dimensioned such that its allowable operating excess pressure corresponds at least  
to the pressure at the submerged depth of the submarine.

10. (Currently Amended) A submarine, comprising: an outer vessel hull with a driven  
propeller on an outer side thereof; a pressure hull disposed in said outer vessel hull and defining  
a crew space for a human submarine crew; an outer pressure container disposed in said pressure  
hull; a liquid gas pressure container storing liquid oxygen, said liquid gas pressure container  
5 being arranged within said pressure hull of the submarine and surrounded by said outer pressure  
container; and means provided which on exceeding a predefined pressure within one of said  
liquid gas pressure container and said outer pressure container lead fluid gaseous and/or liquid  
oxygen from said pressure container out of said pressure hull, wherein said outer pressure  
container is dimensioned such that its allowable operating excess pressure corresponds at least

10 to the pressure at the submerged depth of the submarine.

11. (Currently Amended) A submarine, comprising : a pressure hull; an outer pressure container disposed in said pressure hull; a liquid gas pressure container storing liquid oxygen, said liquid gas pressure container being arranged within said pressure hull of the submarine and surrounded by said outer pressure container; means provided which on exceeding a predefined pressure within one of said liquid gas pressure container and said outer pressure container lead  
5 fluid gaseous and/or liquid oxygen from said pressure container out of said pressure hull; and a shut-off valve arranged within the outer pressure container, said shut-off valve being provided for a gas conduit leading out of the outer pressure container into the pressure hull.

12. (Original) A submarine according to claim 11, wherein said shut-off valve is controlled in dependence on a gas concentration in the pressure hull.

13. (Currently Amended) A submarine, comprising : a pressure hull; an outer pressure container disposed in said pressure hull; a liquid gas pressure container storing liquid oxygen, said liquid gas pressure container being arranged within said pressure hull of the submarine and surrounded by said outer pressure container; means provided which on exceeding a predefined pressure within one of said liquid gas pressure container and said outer pressure container lead  
5 fluid gaseous and/or liquid oxygen from said pressure container out of said pressure hull; and

a gas sensor provided for determining the gas concentration within said pressure hull.

14. (Original) A submarine according to claim 11, further comprising a control which activates the shut-off valve to close on exceeding a predefined gas concentration in the pressure hull.

15. (Original) A submarine according to claim 11, wherein at least one pressure sensor or gas sensor is arranged within the outer pressure container, and means which on detecting an increased pressure or increased gas concentration in the outer pressure container or in a fittings space of the outer pressure container, blocks off the supply of liquid gas out of the liquid gas pressure container.

5

16. (Canceled)

17. (Previously Presented) A submarine according to claim 18, further comprising conduits leading fluid gas supplied from the liquid gas pressure container and fittings, including an evaporator, said outer pressure container encompassing all of said conduits and fittings.

18. (Currently Amended) A submarine, comprising:

an outer vessel hull with a driven propeller on an outer side thereof;

a pressure hull disposed in said outer vessel hull and defining a crew space for a human

submarine crew;

5 an outer pressure container disposed in said pressure hull;

a liquid gas pressure container arranged within said pressure hull of the submarine and surrounded by said outer pressure container;

pressure threshold means associated with one or both of said liquid gas pressure container and said outer pressure container for detecting pressure within one of said liquid gas pressure container and said outer pressure container exceeding a predefined threshold and for  
10 moving a portion of fluid from said pressure container out of said pressure hull, wherein said pressure threshold means includes a conduit provided at said outer pressure container, said conduit leading out of said pressure hull of the submarine and being blocked off by way of a safety means comprising a pressure relief valve including or a rupture disk.

19. (Original) A submarine according to claim 18, wherein said pressure threshold means includes a pump to pump fluid out of said outer pressure container even in a submerged condition of the pressure hull.

20. (Original) A submarine according to claim 18, further comprising a shut-off valve arranged within the outer pressure container, said shut-off valve being provided for a gas conduit leading out of the outer pressure container into the pressure hull, wherein said shut-off valve is controlled in dependence on a gas concentration in the pressure hull.